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Application/Control No.

10/813,617

Examiner
Kuen S. Lu

Applicant(s)/Patent under Reexamination

9/22/LEHMANN ET AL.

Art Unit

2167

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled |  | N | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|--|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     |  | 1 | Interference | 0 | Objected |

| Cla      | aim      |         |           |          | _[           | Date           | •                |  |                 |   | .   | Cla          | im       |          |  |          | С              | ate             |          |                         |          |          | . [        | Cl           | aim          |          |           |        |  | ate          | _        |          | _              |                |
|----------|----------|---------|-----------|----------|--------------|----------------|------------------|--|-----------------|---|-----|--------------|----------|----------|--|----------|----------------|-----------------|----------|-------------------------|----------|----------|------------|--------------|--------------|----------|-----------|--------|--|--------------|----------|----------|----------------|----------------|
|          | -m       |         |           |          |              |                |                  |  |                 |   |     |              | ā        | ۵        |  |          |                |                 |          |                         |          | 1        | - 1        |              | <del>a</del> | -        |           |        |  |              |          | ļ        |                | 1              |
| Final    | Original | 9/22/06 |           |          |              |                |                  |  |                 |   |     | Final        | Original | 9/22/06  |  |          |                |                 |          |                         |          |          |            | Final        | Original     |          |           |        |  |              |          | i        |                |                |
| ΙŒ       | )<br>Žį  | 9/2     |           |          |              |                |                  |  |                 |   |     | üΞ           | Ö        | 6        |  |          |                |                 | -        |                         |          |          |            | ίĽ           | Ö            |          | - 1       | -      |  |              |          |          |                |                |
|          |          |         |           | _        |              | <u> </u>       |                  |  | $\dashv$        |   |     |              |          |          | Ш  | $\sqcup$ |                |                 | 4        | -+                      | _        | _        |            |              |              |          | -         |        |  |              | -        | -        |                | 괵              |
|          | 1        | 1       | $\dashv$  |          |              |                |                  | Щ  | $\dashv$        |   |     |              | 51       | 1        | Н  |          |                |                 | 4        | +                       | +        | 4        |            |              | 101          |          | -         | -      | -  | $\dashv$     | $\dashv$ | $\dashv$ | -              | $\dashv$       |
|          | 2        | 1       |           |          |              | <u> </u>       |                  |  | $\dashv$        |   |     |              | 52       | 1        | Н  |          |                |                 | 4        | $\dashv$                | -        | $\dashv$ |            |              | 102<br>103   | -        | $\dashv$  | -      | _  |              | $\dashv$ | $\dashv$ | -              | $\dashv$       |
|          | 3        | 1       | $\vdash$  |          | _            | $\vdash$       | $\vdash$         | -  | $\dashv$        | - |     |              | 53<br>54 | 1        | -  |          | -              | -               | $\dashv$ | $\dashv$                | -+       | $\dashv$ |            |              | 103          |          | -         |        | $\dashv$   | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$       |
|          | 5        | 1       |           |          |              |                |                  | Н  | $\vdash$        |   |     |              | 55       | V        | Н  |          | <del>-  </del> |                 | $\dashv$ | $\dashv$                |          | ᅥ        |            |              | 105          | $\dashv$ | -         |        | $\dashv$   | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$       | ᅱ              |
|          | 6        | 1       |           | _        | ÷            | $\vdash$       |                  | -  | -               | _ |     |              | 56       | 1        | Н  | -        |                | $\dashv$        | +        | 十                       | $\dashv$ | $\dashv$ |            | -            | 106          | -        | -+        |        | $\dashv$   | $\dashv$     | _        |          | -              | $\dashv$       |
|          | 7        | 1       | $\vdash$  |          | -            | H              |                  |  | $\vdash$        |   |     |              | 57       | Ì        |  | Н        | $\dashv$       | $\dashv$        | _        | $\dashv$                | 十        | ᅥ        |            |              | 107          |          | $\neg$    | $\neg$ |  |              |          | ***      | ┪              | $\exists$      |
| i –      | 8        | V       | Н         |          |              | -              |                  |  |                 |   |     |              | 58       | Ì        |  |          | $\neg$         | _               | 7        | 寸                       | _        |          |            |              | 108          |          |           | $\neg$ |  |              |          |          | $\neg$         | $\neg$         |
|          | 9        | 1       | Н         |          | -            |                |                  |  |                 |   |     |              | 59       | 1        |  |          | $\exists$      |                 | 寸        | 寸                       | $\neg$   |          |            |              | 109          |          | $\neg$    | $\Box$ |  |              |          | ヿ        | $\neg$         | $\neg$         |
|          | 10       | 1       | П         |          |              | $\vdash$       |                  |  |                 |   | ĺ   |              | 60       | 1        |  |          | $\neg$         |                 | 寸        | 寸                       | $\neg$   |          |            |              | 110          |          |           |        |  |              |          | $\neg$   | $\neg$         |                |
|          | 11       | V       | $\Box$    |          |              |                |                  |  |                 |   | -   |              | 61       | 1        |  |          |                |                 |          |                         |          |          |            |              | 111          |          |           |        |  |              |          |          |                |                |
|          | 12       | 1       |           |          |              |                |                  |  |                 |   | ŀ   |              | 62       | 1        |  |          |                |                 |          |                         |          |          |            |              | 112          |          |           |        |  |              |          |          |                |                |
|          | 13       | 1       |           |          |              |                |                  |  |                 |   | l   |              | 63       | V        |  |          |                |                 | $\Box$   | $oldsymbol{\mathbb{I}}$ |          |          |            |              | 113          |          |           |        |  |              |          |          |                |                |
|          | 14       | 1       |           |          |              | 匚              |                  |  |                 |   |     |              | 64       | $\Box$   |  | Ш        |                |                 | $\Box$   | $\bot$                  | $\perp$  |          |            | L            | 114          |          |           |        |  |              |          | [        |                | $\square$      |
|          | 15       | V       |           |          |              | <u> </u>       |                  | <u> </u>   | Ц               |   | ļ., |              | 65       |          | Ш  | Ш        |                |                 |          | _                       | $\perp$  |          |            |              | 115          |          |           |        |  |              |          |          |                | $\square$      |
|          | 16       | V       | Ш         |          | <u> </u>     | <u> </u>       | L                | $ldsymbol{f eta}$                                | $\sqcup$        |   |     |              | 66       |          | $ldsymbol{f eta}$                                | Щ        |                |                 |          | _                       | -        |          | : }        | <u> </u>     | 116          |          | $\square$ | _      | Щ  |              |          |          | _              |                |
|          | 17       | 1       | $\square$ |          | $\vdash$     | <u> </u>       | $\vdash$         | _  | $\sqcup$        | _ |     | <u> </u>     | 67       |          | _  | Ш        |                |                 | $\dashv$ | _                       | $\dashv$ |          |            |              | 117          |          |           | ٠      | Ш  |              |          | _        | _              | $\vdash$       |
| <u> </u> | 18       | ٧       | Ш         |          | <u> </u>     | <u> </u>       |                  | <u> </u>   | $\vdash \vdash$ | _ |     | <u> </u>     | 68       | ₩        |  | Н        |                | $\dashv$        | $\dashv$ |                         | +        |          | - 4        | ├—           | 118          |          | -         | _      |  |              |          | $\dashv$ |                | Н              |
| <u> </u> | 19       | 1       | Н         |          | <u> </u>     | ├_             |                  | $\vdash$   | $\sqcup$        |   | H   |              | 69       | <u> </u> | _  |          |                |                 | -        |                         | $\dashv$ | _        |            |              | 119<br>120   |          | -         | -      |  |              |          | _        | $\dashv$       | $\vdash$       |
| <u> </u> | 20       | 1       | Н         |          | <u> </u>     | <u> </u>       | ļ                | ┝  | $\vdash$        |   |     | <u> </u>     | 70<br>71 | ┝        | H  | -        |                | $\dashv$        | -        | $\dashv$                |          | _        |            | -            | 121          |          | $\dashv$  | _      |  |              |          | $\dashv$ | -              | $\vdash$       |
|          | 21<br>22 | 1       | Н         |          | ⊢            | ├              | _                | ┝  |                 | _ |     |              | 72       | ╀        | ⊢  | H        |                | $\dashv$        | $\dashv$ | $\dashv$                | $\dashv$ | -        | 1<br>13:41 |              | 122          |          |           |        |  |              |          |          | $\dashv$       | $\vdash$       |
|          | 23       | 1       | Н         |          | ⊢            | ├              | -                | $\vdash$   | $\vdash$        |   | 3   | _            | 73       | ⊢        | ┢╌   | _        |                | $\dashv$        | $\dashv$ | -                       | $\dashv$ | _        | 3          | <u> </u>     | 123          |          |           |        |  |              |          |          | $\dashv$       | Н              |
|          | 24       | 1       | H         |          | ╁╌           | ╁              | $\vdash$         | $\vdash$   | $\vdash$        |   |     | <del> </del> | 74       | ├        | ⊢  | -        |                |                 |          | 十                       | $\dashv$ |          |            | <u> </u>     | 124          | _        | $\vdash$  | _      | _  |              |          | $\dashv$ | $\dashv$       | $\vdash$       |
|          | 25       | 1       |           |          | <del> </del> | $\vdash$       | $\vdash$         | $\vdash$   | $\vdash$        |   | 1   |              | 75       | -        | 一  | -        |                |                 | _        | $\dashv$                | 十        |          |            |              | 125          |          | П         | _      | -  |              |          | $\dashv$ | $\neg$         |                |
|          | 26       | V       | -         |          |              | -              | Т                | $\vdash$   | $\vdash$        | - | 1   |              | 76       | $\vdash$ | $\vdash$   |          |                |                 |          | 1                       | 1        |          | 1          |              | 126          |          | П         |        |  |              |          |          | $\neg$         |                |
|          | 27       | 1       |           |          | _            |                | $I^-$            | <del>                                     </del> | $\vdash$        |   | 1   |              | 77       | 1        | <u> </u>   |          |                |                 |          | ヿ                       | 寸        |          | ĺ          |              | 127          |          | П         |        |  |              |          |          |                |                |
|          | 28       | 1       |           |          | 1            | $\vdash$       | ┪                | $\vdash$   |                 |   | 1   |              | 78       |          |  |          |                |                 | $\neg$   |                         |          | -        | 1          |              | 128          |          |           |        |  |              |          |          |                |                |
|          | 29       | 1       |           |          |              |                |                  |  |                 |   | 1   |              | 79       |          |  |          |                |                 |          |                         |          |          |            |              | 129          |          |           |        |  |              |          |          |                |                |
|          | 30       | 1       |           |          |              |                |                  |  | П               |   | ]   |              | 80       |          |  |          |                |                 |          |                         |          |          |            |              | 130          |          |           |        |  |              |          |          |                |                |
|          | 31       | 1       |           |          |              |                |                  |  |                 |   | ]   |              | 81       |          |  |          |                |                 |          |                         |          |          |            |              | 131          |          |           |        | <u> </u>   |              |          |          |                |                |
|          | 32       | V       |           |          |              | L              |                  | 匚  |                 |   | Į   |              | 82       |          |  |          | Ш              |                 | ļ        | _                       |          |          |            | <u> </u>     | 132          | L_       | Ш         |        |  | Ш            | _        |          |                | Ш              |
|          | 33       | ٧       | Ш         | <u> </u> | <u> </u>     | L              | <u> </u>         | L_   | Ш               | _ | 1   | <u> </u>     | 83       | 닏        | <u> </u>   | <u> </u> | Щ              | $\square$       | _        | _                       | _        |          |            |              | 133          | <u> </u> | Ш         |        | <u> </u>   | <u> </u>     | ļ        |          | _              | Ш              |
| <u></u>  | 34       | 1       | Ш         |          | _            | <del> </del> _ | <u> </u>         | _  | $\sqcup$        |   | 1   | <u> </u>     | 84       | ┡        | ├-   | <u> </u> | Ш              | $\vdash \vdash$ | _        | 4                       | 4        |          | l          | <u> </u>     | 134          | $\vdash$ | Н         |        | <del> </del>                                     | _            | <u> </u> | $\sqcup$ |                | Н              |
| <u> </u> | 35       | 7       |           | <u> </u> | <u> </u>     | <del> </del>   | <b>!</b>         | ⊢  | $\vdash \vdash$ |   | 1   | <u> </u>     | 85       | <u> </u> | <b>Ļ</b> _                                       | $\vdash$ | Н              | $\vdash$        | $\dashv$ | -                       | -+       |          | -          |              | 135          | $\vdash$ | $\vdash$  |        | <del> </del>                                     | <u> </u>     | <u> </u> | $\vdash$ |                | $\vdash\vdash$ |
| <u> </u> | 36       | 1       | $\vdash$  | _        | ⊢            | -              | -                | ┢  | -               | _ | -   | <u> </u>     | 86<br>87 | ╁        | $\vdash$   | $\vdash$ | Н              | $\vdash$        | $\dashv$ | -                       | $\dashv$ |          | ł          |              | 136<br>137   |          | $\vdash$  |        | -  | <del> </del> | $\vdash$ | $\vdash$ |                | $\vdash\vdash$ |
| <u> </u> | 37<br>38 | 1       | $\vdash$  | -        | -            | $\vdash$       | $\vdash$         | $\vdash$   | $\vdash \vdash$ | _ | 1   |              | 88       | Ͱ        | ├  | H        | H              | $\vdash$        | $\dashv$ | $\dashv$                | $\dashv$ |          | ł          | <del> </del> | 137          | $\vdash$ | Н         |        |  | $\vdash$     | <u> </u> | $\vdash$ |                | $\vdash\vdash$ |
| <b></b>  | 39       | 1       | $\vdash$  | -        | $\vdash$     | ╁              | ├                | ┼  | $\vdash \vdash$ | _ | {   |              | 89       | $\vdash$ | $\vdash$   | $\vdash$ |                | $\vdash$        | -        | $\dashv$                | $\dashv$ |          | 1          | $\vdash$     | 139          | $\vdash$ | H         |        | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$ |                | $\vdash$       |
| $\vdash$ | 40       | 1       | $\vdash$  |          | $\vdash$     | $\vdash$       | $\vdash$         | <del> </del>                                     | $\vdash$        | _ | 1   | <u> </u>     | 90       | ╁        | $\vdash$   | H        | -              |                 | -        | ᅱ                       | +        |          | 1          | $\vdash$     | 140          | $\vdash$ | Н         |        | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |                | $\vdash$       |
| <u> </u> | 41       | V       | $\vdash$  | -        | $\vdash$     | $\vdash$       | $\vdash$         | $\vdash$   | $\vdash \vdash$ | _ | 1   |              | 91       | †-       | ╁╌   |          | $\vdash$       | $\vdash$        | +        | ┪                       | $\dashv$ | _        | 1          | <u> </u>     | 141          | $\vdash$ | H         | _      | <del> </del>                                     | <del> </del> | $\vdash$ | H        |                | H              |
| $\vdash$ | 42       | i       | $\vdash$  |          | 1-           | 一              | H                | t  | H               | _ | 1   | <u> </u>     | 92       | $t^{-}$  | <del>                                     </del> | $\vdash$ | $\vdash$       | $\vdash \vdash$ | _        | ╛                       | $\dashv$ | _        | 1          |              | 142          |          | Н         | _      |  | $\vdash$     | -        |          |                | П              |
| $\vdash$ | 43       | 1       | Н         |          | $\vdash$     | $\vdash$       | $\vdash$         | $\vdash$   | Н               |   | 1   |              | 93       | T        | T  | $\vdash$ |                | H               | Ħ        | ┪                       | +        |          | 1          |              | 143          | t        | П         |        | <del>                                     </del> | _            | $\vdash$ | П        | $\blacksquare$ | П              |
|          | 44       | V       | $\vdash$  | -        | T            | $\vdash$       | T                | T  | $\sqcap$        | - | 1   |              | 94       | T        | 1  | Г        | П              | П               | $\neg$   | 寸                       | 1        | _        | 1          |              | 144          |          |           | _      | <del>                                     </del> |              | Ι-       |          |                | П              |
|          | 45       | V       |           |          |              | 1              | Т                | T  | П               | _ | 1   |              | 95       |          | $\vdash$   | Π        | П              | П               | $\neg$   | 寸                       | 1        |          |            |              | 145          |          |           |        |  |              |          |          |                |                |
|          | 46       | 1       | $I^-$     | Г        |              | Ī              | Π                | T  | П               |   | 1   |              | 96       |          |  |          |                |                 |          |                         |          |          | ]          |              | 146          |          |           |        |  |              |          |          |                |                |
|          | 47       | 1       |           |          | L_           |                |                  | L  |                 |   | ]   |              | 97       |          |  |          |                |                 | ┚        |                         |          |          | ]          |              | 147          |          |           |        |  |              |          |          |                |                |
|          | 48       | 1       |           |          |              | $\Box$         |                  |  |                 |   |     |              | 98       | $\Box$   |  |          |                |                 | $\Box$   |                         |          |          | ]          |              | 148          |          |           |        |  |              | 匚        |          |                |                |
|          | 49       | V       |           |          |              |                |                  | 匚  |                 |   | ]   |              | 99       | 匚        | 匚  | 匚        | $\Box$         |                 |          | ╝                       | $\bot$   |          | Į          |              | 149          | _        |           | _      | _  |              | L        | Ш        |                | $\Box$         |
|          | 50       | 1       | l         |          | L            |                | $\mathbb{L}_{-}$ | <u></u>  | L               | _ |     |              | 100      |          | 乚  | <u> </u> |                | Ш               |          | $\perp$                 |          | _        | J          |              | 150          | <u> </u> | L         |        |  |              | 匚        | L        |                | $oxed{oxed}$   |